

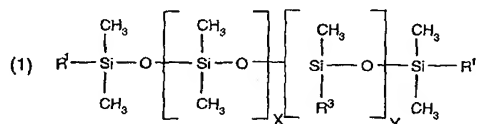
--21. (new) A method of use of a softener composition for imparting hydrophilicity to textile fibre materials in domestic applications, which comprises treating washed textile fibre materials with a softener composition which comprises:

A) a fabric softener;

B) at least one additive selected from the group consisting of

- a) a polyethylene, or a mixture thereof,
- b) a fatty acid alkanolamide, or a mixture thereof,
- c) a polysilicic acid, or a mixture thereof, and
- d) a polyurethane, or a mixture thereof; and

C) a dispersed polyorganosiloxane of formula (1)

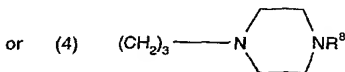
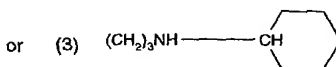
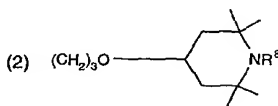


wherein

R<sup>1</sup> is OH, OR<sup>2</sup> or CH<sub>3</sub>,

R<sup>2</sup> is CH<sub>3</sub> or CH<sub>2</sub>CH<sub>3</sub>,

R<sup>3</sup> is C<sub>1</sub>-C<sub>20</sub>alkoxy, CH<sub>3</sub>, CH<sub>2</sub>CHR<sup>4</sup>CH<sub>2</sub>NHR<sup>5</sup>, or CH<sub>2</sub>CHR<sup>4</sup>CH<sub>2</sub>N(COCH<sub>3</sub>)R<sup>5</sup>,



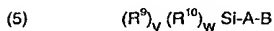
R<sup>4</sup> is H or CH<sub>3</sub>,

R<sup>5</sup> is H, CH<sub>2</sub>CH<sub>2</sub>NHR<sup>6</sup>, C(=O)-R<sup>7</sup> or (CH<sub>2</sub>)<sub>z</sub>-CH<sub>3</sub>,

z is 0 to 7,

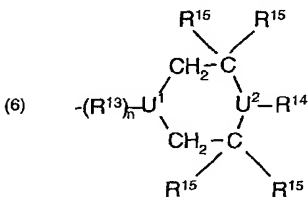
$R^6$  is H or  $C(=O)-R^7$ ,  
 $R^7$  is  $CH_3$ ,  $CH_2CH_3$  or  $CH_2CH_2CH_2OH$ ,  
 $R^8$  is H or  $CH_3$ , and  
 the sum of X and Y is 40 to 4000;

or a dispersed polyorganosiloxane which comprises at least one unit of the formula (5)

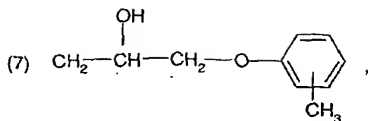


wherein

$R^9$  is  $CH_3$ ,  $CH_3CH_2$  or phenyl,  
 $R^{10}$  is  $-O-Si$  or  $-O-R^9$ ,  
 the sum of v and w equals 3, and v does not equal 3,  
 $A = -CH_2CH(R^{11})(CH_2)_K$ ,  
 $B = -NR^{12}((CH_2)_l-NH)_mR^{12}$  or



$n$  is 0 or 1,  
 when  $n$  is 0,  $U^1$  is N, when  $n$  is 1,  $U^1$  is CH,  
 $l$  is 2 to 8,  
 $k$  is 0 to 6,  
 $m$  is 0 to 3,  
 $R^{11}$  is H or  $CH_3$ ,  
 $R^{12}$  is H,  $C(=O)-R^{16}$ ,  $CH_2(CH_2)_pCH_3$  or



p is 0 to 6,

R<sup>18</sup> is NH, O, OCH<sub>2</sub>CH(OH)CH<sub>2</sub>N(butyl), OOCN(butyl)

R<sup>14</sup> is H, linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, phenyl or CH<sub>2</sub>CH(OH)CH<sub>3</sub>,

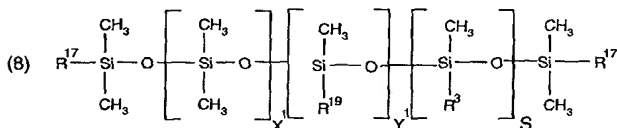
R<sup>16</sup> is H or linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl,

R<sup>16</sup> is CH<sub>3</sub>, CH<sub>2</sub>CH<sub>3</sub> or (CH<sub>2</sub>)<sub>4</sub>OH,

q is 1 to 6, and

U<sup>2</sup> is N or CH;

or a dispersed polyorganosiloxane of the formula (8)



wherein

R<sup>3</sup> is as previously defined,

R<sup>17</sup> is OH, OR<sup>18</sup> or CH<sub>3</sub>,

R<sup>18</sup> is CH<sub>3</sub> or CH<sub>2</sub>CH<sub>3</sub>,

R<sup>19</sup> is R<sup>20</sup>-(EO)<sub>m</sub>-(PO)<sub>n</sub>-R<sup>21</sup>,

m is 3 to 25,

n is 0 to 10,

R<sup>20</sup> is the direct bond or CH<sub>2</sub>CH(R<sup>22</sup>)(CH<sub>2</sub>)<sub>p</sub>R<sup>23</sup>,

p is 1 to 4,

R<sup>21</sup> is H, R<sup>24</sup>, CH<sub>2</sub>CH(R<sup>23</sup>)NH<sub>2</sub> or CH(R<sup>23</sup>)CH<sub>2</sub>NH<sub>2</sub>,

R<sup>22</sup> is H or CH<sub>3</sub>,

R<sup>23</sup> is O or NH,

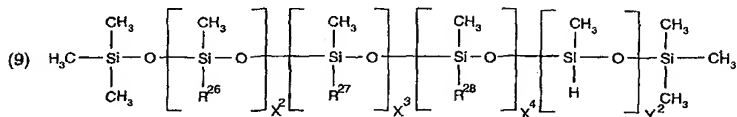
R<sup>24</sup> is linear or branched C<sub>1</sub>-C<sub>8</sub>alkyl or Si(R<sup>25</sup>)<sub>3</sub>,

R<sup>25</sup> is R<sup>24</sup>, OCH<sub>3</sub> or OCH<sub>2</sub>CH<sub>3</sub>,

EO is -CH<sub>2</sub>CH<sub>2</sub>O- ,

PO is  $-\text{CH}(\text{CH}_3)\text{CH}_2\text{O}-$  or  $-\text{CH}_2\text{CH}(\text{CH}_3)\text{O}-$  and  
the sum of  $X_1, Y_1$  and  $S$  is 20 to 1500;

or a dispersed polyorganosiloxane of the formula (9)



wherein

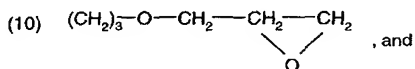
$\text{R}^{26}$  is linear or branched  $\text{C}_1\text{-C}_{20}$ alkoxy or  $\text{CH}_2\text{CH}(\text{R}^4)\text{R}^{29}$ ,

$\text{R}^4$  is as previously defined,

$\text{R}^{29}$  is linear or branched  $\text{C}_1\text{-C}_{20}$ alkyl,

$\text{R}^{27}$  is aryl, aryl substituted by linear or branched  $\text{C}_1\text{-C}_{10}$ alkyl, linear or branched  $\text{C}_1\text{-C}_{20}$ alkyl substituted by aryl or aryl substituted by linear or branched  $\text{C}_1\text{-C}_{10}$ alkyl,

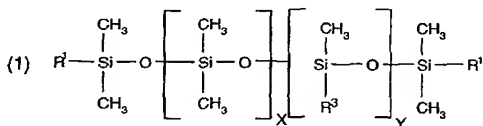
$\text{R}^{28}$  is



the sum of  $X^2, X^3, X^4$  and  $Y^2$  is 20 to 1500, wherein  $X^3, X^4$  and  $Y^2$  may be independently of each other 0;

or a mixture thereof.

22. (new) A method of use according to claim 21 wherein the polyorganosiloxane is of formula (1):

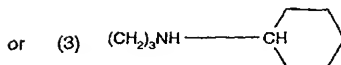
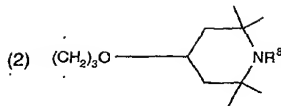


wherein

$\text{R}^1$  is  $\text{OH}$ ,  $\text{OR}^2$  or  $\text{CH}_3$

$\text{R}^2$  is  $\text{CH}_3$  or  $\text{CH}_2\text{CH}_3$

$\text{R}^3$  is  $\text{C}_1\text{-C}_{20}$ alkoxy,  $\text{CH}_3$ ,  $\text{CH}_2\text{CHR}^4\text{CH}_2\text{NHR}^5$ , or



$R^4$  is H or  $\text{CH}_3$ ,

$R^5$  is H,  $\text{CH}_2\text{CH}_2\text{NHR}^6$ ,  $\text{C}(=\text{O})-\text{R}^7$ ,

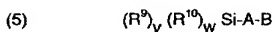
$R^6$  is H or  $\text{C}(=\text{O})-\text{R}^7$ ,

$R^7$  is  $\text{CH}_3$ ,  $\text{CH}_2\text{CH}_3$  or  $\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ ,

$R^8$  is H or  $\text{CH}_3$ , and

the sum of X and Y is 40 to 4000;

or a dispersed polyorganosiloxane which comprises at least one unit of the formula (5);



wherein

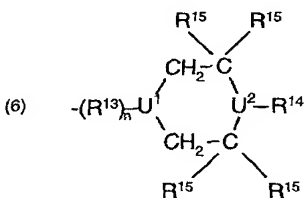
$R^9$  is  $\text{CH}_3$  or  $\text{CH}_2\text{CH}_3$ ,

$R^{10}$  is  $-\text{O}-\text{Si}$  or  $-\text{O}-\text{R}^9$ ,

the sum of v and w equals 3, and v does not equal 3,

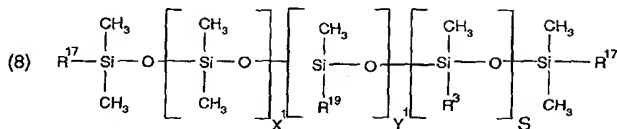
$\text{A} = -\text{CH}_2\text{CH}(\text{R}^{11})(\text{CH}_2)_k$ ,

$\text{B} =$



$n$  is 1,  
 $U^1$  is  $CH_3$ ,  
 $k$  is 0 to 6,  
 $R^{11}$  is H or  $CH_3$ ,  
 $R^{13}$  is  $OOCH_2CH_2CH_2CH_3$  (butyl),  
 $R^{14}$  is H, linear  $C_1$ - $C_4$  alkyl, phenyl,  
 $R^{15}$  is H or linear  $C_1$ - $C_4$  alkyl, and  
 $U^2$  is N;

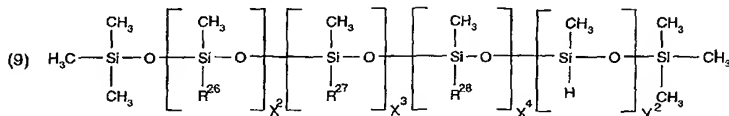
or a dispersed polyorganosiloxane of the formula (8);



wherein

$R^3$  is as previously defined,  
 $R^{17}$  is  $OH$ ,  $OR^{18}$  or  $CH_3$ ,  
 $R^{18}$  is  $CH_3$  or  $CH_2CH_3$ ,  
 $R^{19}$  is  $R^{20}-(EO)_m-(PO)_n-R^{21}$ ,  
 $m$  is 3 to 25,  
 $n$  is 0 to 10,  
 $R^{20}$  is the direct bond or  $CH_2CH(R^{22})(CH_2)_pR^{23}$ ,  
 $p$  is 1 to 4,  
 $R^{21}$  is H,  $R^{24}$ ,  $CH_2CH(R^{22})NH_2$  or  $CH(R^{22})CH_2NH_2$ ,  
 $R^{22}$  is H or  $CH_3$ ,  
 $R^{23}$  is O or  $NH$ ,  
 $R^{24}$  is linear or branched  $C_1$ - $C_3$  alkyl or  $Si(R^{25})_3$ ,  
 $R^{25}$  is  $R^{24}$ ,  $OCH_3$  or  $OCH_2CH_3$ ,  
 $EO$  is  $-CH_2CH_2O-$ ,  
 $PO$  is  $-CH(CH_3)CH_2O-$  or  $-CH_2CH(CH_3)O-$  and  
 the sum of  $X$ ,  $Y$  and  $S$  is 20 to 1500;

or a dispersed polyorganosiloxane of the formula (9);



wherein

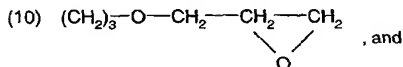
R<sup>26</sup> is linear C<sub>1</sub>-C<sub>20</sub>alkoxy,

R<sup>4</sup> is as previously defined,

R<sup>29</sup> is linear C<sub>1</sub>-C<sub>20</sub>alkyl,

R<sup>27</sup> is CH<sub>2</sub>CH(R<sup>4</sup>)phenyl,

R<sup>28</sup> is



the sum of X<sup>2</sup>, X<sup>3</sup>, X<sup>4</sup> and Y<sup>2</sup> is 20 to 1500, wherein X<sup>3</sup>, X<sup>4</sup> and Y<sup>2</sup> may be independently of each other 0;

or a mixture thereof.

23. (new) A method of use according to claim 21 wherein a polyorganosiloxane of formula (1) is used, wherein

R<sup>1</sup> is OH or CH<sub>3</sub>,

R<sup>3</sup> is CH<sub>3</sub>, C<sub>10</sub>-C<sub>20</sub>alkoxy or CH<sub>2</sub>CHR<sup>4</sup>CH<sub>2</sub>NHR<sup>5</sup>,

R<sup>4</sup> is H,

R<sup>5</sup> is H or CH<sub>2</sub>CH<sub>2</sub>NHR<sup>6</sup>,

R<sup>6</sup> is H or C(=O)-R<sup>7</sup>, and

R<sup>7</sup> is CH<sub>3</sub>, CH<sub>2</sub>CH<sub>3</sub> or CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH.

24. (new) A method of use according to claim 1 wherein a polyorganosiloxane of formula (8) is used, wherein

R<sup>3</sup> is CH<sub>3</sub>, C<sub>10</sub>-C<sub>20</sub>alkoxy or CH<sub>2</sub>CHR<sup>4</sup>CH<sub>2</sub>NHR<sup>5</sup>,

$R^4$  is H,

$R^5$  is H or  $\text{CH}_2\text{CH}_2\text{NHR}^6$ ,

$R^6$  is H or  $\text{C}(=\text{O})\text{-R}^7$ ,

$R^7$  is  $\text{CH}_2\text{CH}_3$ ,  $\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$  or  $\text{CH}_3$ , and

$R_{17}$  is  $\text{CH}_3$  or OH.

25. (new) A method of use according to claim 21 wherein a polyorganosiloxane of formula (9) is used, wherein

$R^{26}$  is  $\text{CH}_2\text{CH}(\text{R}^4)\text{R}^{29}$ ,

$R^4$  is H, and

$R^{27}$  is 2-phenylpropyl.

26. (new) A method of use according to claim 21 wherein the composition is a liquid aqueous composition.

27. (new) A method of use according to claim 21 wherein the composition is used in a tumble dryer sheet composition.

28. (new) A method of use according to claim 21 in which the polyorganosiloxane is nonionic or cationic.

29. (new) A method of use according to claim 21 in which the composition has a solids content of 5 to 70 % at a temperature of 120°C.

30. (new) A method of use according to claim 21 in which the composition contains a water content of 25 to 90 % by weight based on the total weight of the composition.

31. (new) A method of use according to claim 21 in which the composition has a pH value from 2 to 7.

32. (new) A method of use according to claim 21 in which the nitrogen content of the aqueous emulsion due to the polyorganosiloxane is from 0 to 0.25 % with respect to the silicon content.

33. (new) A method of use according to claim 21 wherein the composition comprises a polyethylene, a fatty acid alkanolamide or a polyurethane.

34. (new) A method of use according to claim 21 wherein the composition comprises a polyethylene or a fatty acid alkanolamide.

35. (new) A method of use according to claim 21 wherein the composition comprises a fatty acid alkanolamide.

36. (new) A method of use according to claim 21 wherein the composition comprises a polyethylene.

37. (new) A method of use according to claim 21 wherein the composition is prepared by mixing a preformulated fabric softener with an emulsion comprising the polyorganosiloxane and the additive.

38. (new) A method of use according to claim 21 wherein composition has a clear appearance.

39. (new) A method of use according to claim 21 in which the composition comprises:

- a) 0.01 to 70 % by weight, based on the total weight of the composition, of a polyorganosiloxane, or a mixture thereof;
- b) 0.2 to 15 % by weight based on the total weight of an emulsifier, or a mixture thereof;
- c) 0.01 to 15 % by weight based on the total weight of at least one additive selected from the group consisting of a polyethylene, a fatty acid alkanolamide, a polysilicic acid and a polyurethane, and
- d) water to 100 %.

40. (new) A tumble dryer sheet comprising a composition as defined in claim 21.--

